

Fig. 1

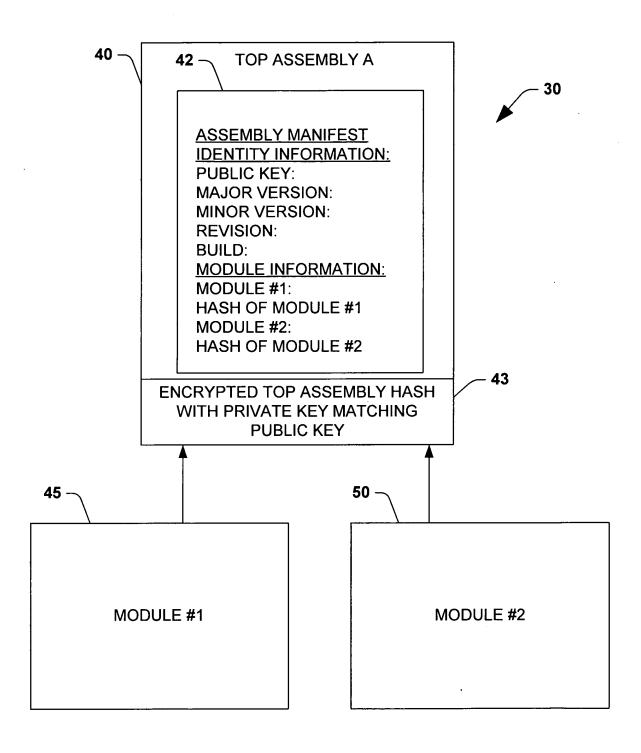


Fig. 2

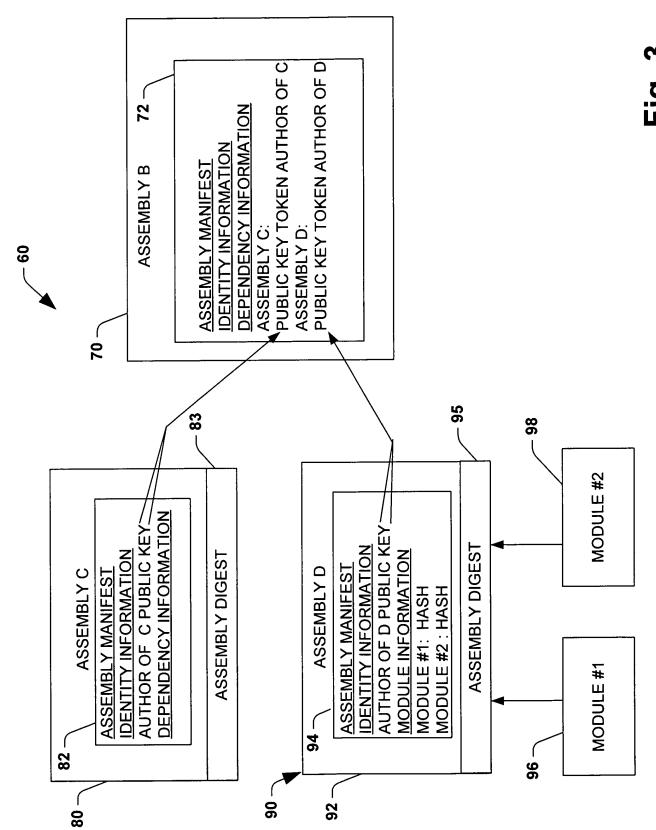
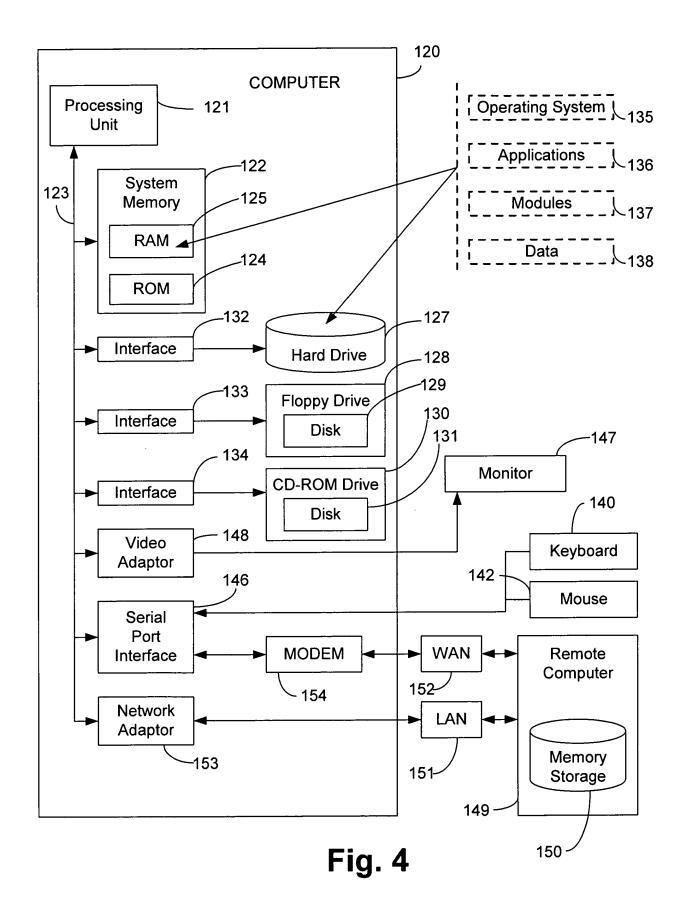


Fig. 3



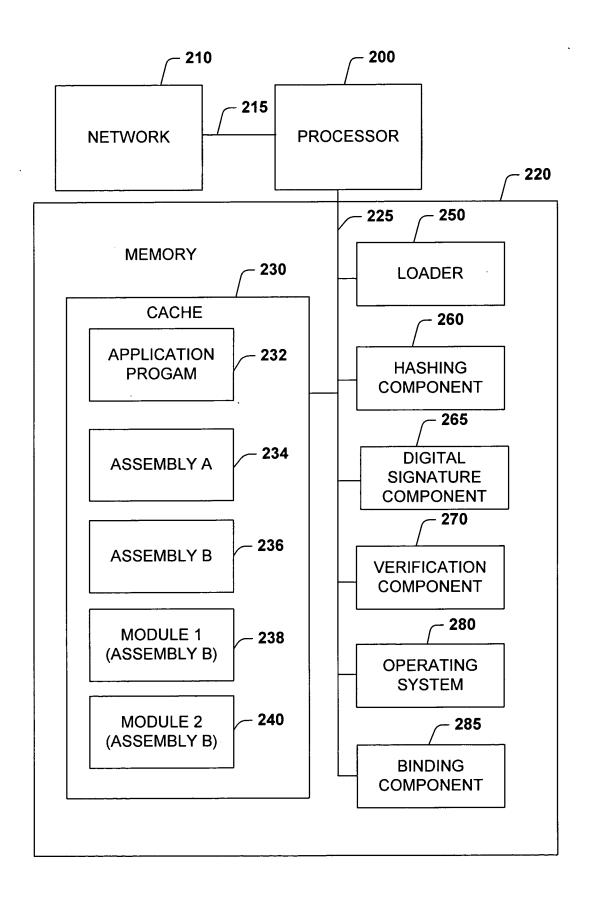
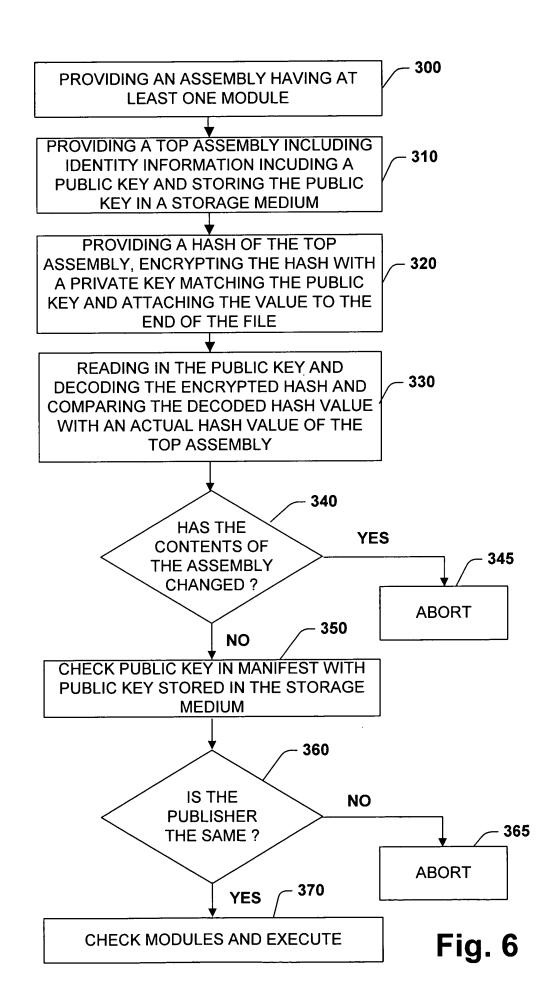


Fig. 5



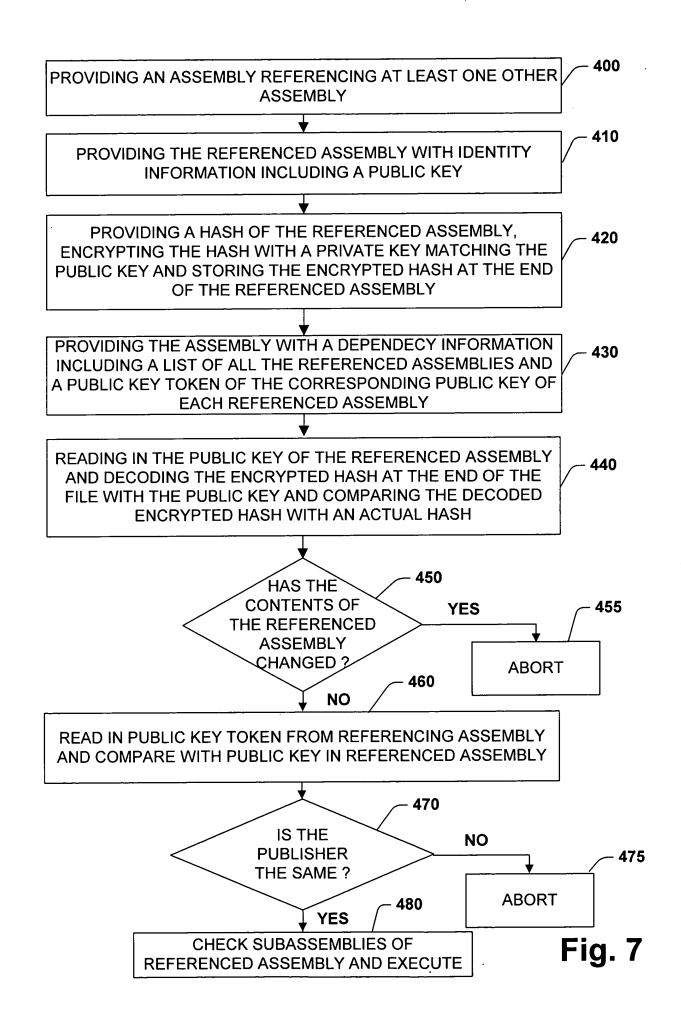


Fig. 8a

```
BOOL SharedNameKeyInstall(

// [in] desired key container name, must be a non-empty

//string

LPCWSTR szKeyContainer,

// [in] public/private key blob

BYTE *pbKeyBlob,

ULONG cbKeyBlob)

Fig. 8b
```

```
BOOL SharedNameKeyDelete(
// [in] desired key container name
LPCWSTR szContainer)
```

Fig. 8c

```
VOID SharedNameFreeBuffer(
    // [in] pointer to memory to be freed
BYTE *pbMemory)
```

```
BOOL SharedNameGetPublicKey (

// [in] desired key container name

LPCWSTR szContainer,

// [in] public/private key blob (optional)

BYTE *pbKeyBlob,

ULONG cbKeyBlob

// [out] public key blob

BYTE **ppbPublicKeyBlob,

ULONG *pcbPublicKeyBlob)
```

Fig. 9a

```
Struct {

ALG_ID SigAlgID; // strong name signature algorithm

ALG_ID HashAlgID; // strong name hash algorithm

ULONG cbPublicKey; // length of the key in bytes

BTYE[] PublicKey; // variable length byte array

containing the key value in format

output by CryptoAPI

} PublicKeyBlob;
```

Fig. 9b

```
BOOL SharedNameSignatureGeneration(
      // [in] valid path to the PE file for the Assembly
                      szFilePath,
      LPCWSTR
      // [in] name of key, if NULL will default to SharedNameKey
      LPCWSTR
                     szKeyContainer,
      // [in] public/private key blob (optional)
      BYTE
                      *pbKeyBlob,
      ULONG
                       cbKeyBlob
   // [in/out] signature blob
      BYTE
                       **ppbSignatureBlob,
      ULONG
                     *pcbSignatureBlob)
```

Fig. 9c

Fig. 10a

```
BOOL SharedNameTokenFromPublicKey(

// [in] public key blob

BYTE *pbPublicKeyBlob,

ULONG cbPublicKeyBlob)

// [out] strong name token

BYTE **ppbSharedNameToken,

ULONG *pcbSharedNameToken)
```

Fig. 10b

```
BOOL SharedNameSignatureVerification(
// [in] valid path to the PE file for the Assembly
LPCWSTR szFilePath)
```

Fig. 10c